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TITLE: COLOR FILTER WITH RETARDATION LAYER AND LIQUID
CRYSTAL DISPLAY

THE COMMISSIONER FOR PATENTS
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AMENDED CLAIMS

1.-10. (cancelled)

11. (new) A color filter with a retardation layer comprising:

a substrate;

a colored layer comprising a plurality of rows of light transmissive patterns,
whose thickness differs according to its color, formed on the substrate,

a first retardation layer formed as one continuous layer, on the colored
layer, made of a liquid crystalline polymer, having an optical axis perpendicular to
a plane of the substrate so as to function as a C plate; and

a second retardation layer formed on an opposite side of the substrate to
a side with the colored layer formed, or between the substrate and the colored
layer, having an optical axis parallel to the plane of the substrate so as to
function as a positive A plate having a positive refractive index anisotropy,

wherein a refractive index anisotropy of the second retardation layer in a
visible light range becomes smaller with a shorter wavelength.

12. (new) The color filter with a retardation layer according to claim 11, wherein a total of a thickness of the colored layer and a thickness of the first retardation layer is constant, and the thickness of the first retardation layer differs according to a thickness of the light transmissive pattern.

13. (new) The color filter with a retardation layer according to claim 11, wherein the colored layer comprises the light transmissive patterns of three colors including red, green and blue, and thicknesses of the light transmissive patterns for the three colors are provided in an order of red > green > blue.

14. (new) The color filter with a retardation layer according to claim 12, wherein the colored layer comprises the light transmissive patterns of three colors including red, green and blue, and thicknesses of the light transmissive patterns for the three colors are provided in an order of red > green > blue.

15. (new) The color filter with a retardation layer according to claim 11, wherein the colored layer comprises the light transmissive patterns of three colors including red, green and blue, and thicknesses of the light transmissive patterns for the three colors may be provided in an order of blue > green > red.

16. (new) The color filter with a retardation layer according to claim 12, wherein the colored layer comprises the light transmissive patterns of three colors including red, green and blue, and thicknesses of the light transmissive patterns for the three colors may be provided in an order of blue > green > red.

17. (new) A liquid crystal display comprising:

a first polarizing plate and a second polarizing plate with absorption axes provided orthogonal with each other; a color filter comprising a substrate, a colored layer comprising a plurality of rows of light transmissive patterns, whose thickness differs according to its color, formed on the substrate, a first retardation layer formed as one continuous layer, on the colored layer, made of a liquid crystalline polymer, having an optical axis perpendicular to a plane of the substrate so as to function as a C plate, provided between the first polarizing plate and the second polarizing plate;

a second retardation layer, having an optical axis parallel to the plane of the substrate so as to function as a positive A plate having a positive refractive index anisotropy; and

a liquid crystal layer,

wherein the first polarizing plate, the second retardation layer, the first retardation layer and the second polarizing plate are formed in this order such that the optical axis of the second retardation layer and an absorption axis of the first polarizing plate are disposed substantially perpendicularly, and a refractive index anisotropy of the second retardation layer in a visible light range becomes smaller with a shorter wavelength.

18. (new) The liquid crystal display according to claim 17, wherein the liquid crystal layer is formed between the color filter and the second polarizing plate, and the second retardation layer is formed on an opposite side of the substrate to a side with the colored layer of the color filter formed, or between the substrate of the color filter and the colored layer.

19. (new) The liquid crystal display according to claim 17, wherein the liquid crystal layer is formed between the second retardation layer and the color filter.

20. (new) The liquid crystal display according to claim 17, wherein a total of a thickness of the colored layer and a thickness of the first retardation layer is constant, and the thickness of the first retardation layer differs according to a thickness of the light transmissive pattern.

21. (new) The liquid crystal display according to claim 18, wherein a total of a thickness of the colored layer and a thickness of the first retardation layer is constant, and the thickness of the first retardation layer differs according to a thickness of the light transmissive pattern.

22. (new) The liquid crystal display according to claim 19, wherein a total of a thickness of the colored layer and a thickness of the first retardation layer is constant, and the thickness of the first retardation layer differs according to a thickness of the light transmissive pattern.

23. (new) The liquid crystal display according to claim 17, wherein the colored layer comprises the light transmissive patterns of three colors including red, green and blue, and thicknesses of the light transmissive patterns for the three colors are provided in an order of red > green > blue.

24. (new) The liquid crystal display according to claim 18, wherein the colored layer comprises the light transmissive patterns of three colors including red, green and blue, and thicknesses of the light transmissive patterns for the three colors are provided in an order of red > green > blue.

25. (new) The liquid crystal display according to claim 19, wherein the colored layer comprises the light transmissive patterns of three colors including red, green and blue, and thicknesses of the light transmissive patterns for the three colors are provided in an order of red > green > blue.

26. (new) The liquid crystal display according to claim 20, wherein the colored layer comprises the light transmissive patterns of three colors including red, green and blue, and thicknesses of the light transmissive patterns for the three colors are provided in an order of red > green > blue.

27. (new) The liquid crystal display according to claim 17, wherein the colored layer comprises the light transmissive patterns of three colors including red, green and blue, and thicknesses of the light transmissive patterns for the three colors are provided in an order of blue > green > red.

28. (new) The liquid crystal display according to claim 18, wherein the colored layer comprises the light transmissive patterns of three colors including red, green and blue, and thicknesses of the light transmissive patterns for the three colors are provided in an order of blue > green > red.

29. (new) The liquid crystal display according to claim 19, wherein the colored layer comprises the light transmissive patterns of three colors including red, green and blue, and thicknesses of the light transmissive patterns for the three colors are provided in an order of blue > green > red.

30. (new) The liquid crystal display according to claim 20, wherein the colored layer comprises the light transmissive patterns of three colors including red,

green and blue, and thicknesses of the light transmissive patterns for the three colors are provided in an order of blue > green > red.